

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ADELAIDE, Jean-Michel; DESMET, Benjamin; PEINTRE, Jean-Marc

SERIAL NO.: (International Serial No. PCT/FR00/02550)

FILED: Herewith (International Filing Date 14 September 2000)

TITLE: PORTABLE DEVICE SUPPLYING TOURIST INFORMATION

## REMARKS ON PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In this preliminary amendment, please consider the following remarks in conjunction with the amendments to the above-identified application as follows:

REMARKS

The present Preliminary Amendment has been entered for the purpose of placing the application into a more proper U.S. format. In particular, certain grammatical and idiomatic inconsistencies have been corrected by amendment to the specification, and the application is corrected for certain typographical errors found in the originally submitted application. No new matter has been added by these amendments. The present application incorporates the original filing including any amendments made in the annex to the International Preliminary Examination Report and changes to the drawing sheets.

The Claims have been amended so as to conform with U.S. requirements and so as to remove multiple dependent claims. The Abstract has also been amended to conform with U.S. requirements.

Applicant respectfully requests that the present Amendment be entered prior to an initial Official Action on the present application.

Respectfully submitted,

Date

3.14.02

  
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VERSION WITH MARKINGS TO SHOW CHANGES in the PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

IN THE SPECIFICATION

In Paragraph [0006], the paragraph has been amended as follows:

Besides, in the guiding technology, vehicle guiding devices are already known, which enable [to position] positioning of said vehicles and/or [to recommend] recommending a particular route to the driver.

In Paragraph [0018], the paragraph has been amended as follows:

The invention will be better understood when reading the following description, with the appended drawings which are part thereof[ and among which:].

In Paragraph [0019], the paragraph has been amended as follows:

Figure 1 [illustrates, functionally,] is a diagrammatic functional illustration of an embodiment of the device according to the invention.

In Paragraph [0020], the paragraph has been amended as follows:

Figure 2 [illustrates diagrammatically] is a diagrammatic illustration of an embodiment of storage means of the device according to the invention.

In Paragraph [0021], the paragraph has been amended as follows:

Figure 3 [details] is a detailed diagrammatic illustration showing one of the points of previous Figure 1.

In Paragraph [0022], the paragraph has been amended as follows:

Figure 4 is [an] a diagrammatic algorithm illustrating an [operation] operating example of the device according to the invention.

In Paragraph [0040], the paragraph has been amended as follows:

According to such an embodiment, it can be noted that all the pieces of information on the route or tour to follow, regardless of the customization criterion selected, are stored in said storage means [1 and the] 1. The device according to the invention thus enables [to minimize] minimizing the number of information storage media compared to a solution according to which, for each customization criterion, one would require storage means 1 whereof the content is different. Besides, successive usage of the correspondence tables 6, 6' promotes information processing.

### IN THE CLAIMS

In Claim 1, the claim has been amended as follows:

1. (Amended) A mobile device to supply information, notably for tourism, to a user, comprising:
  - [-] a storage means (1), fragmented into sectors (13), each said sector gathering [the] information to be supplied and corresponding at least to one given geographic location and showing an address[.];
  - [-] a tracking means (2) of said device, capable of delivering so-called positioning information, corresponding to the location in which said device is situated[.];
  - [-] a processing means (4), capable of drawing up a reading instruction containing at least the address of the sector of the information to be supplied in relation at least to said positioning information, on the basis of one or several correspondence tables (6, 6') comprised in said device and associating at least the address of said sector and said positioning information regarding the same geographic location[.];
  - [-] a reading means (7) for the information contained in the sector showing the address of said reading instruction, which is delivered to them by said processing means (4), so-called information selected[.]; and

[...] a playing means (9), capable of transmitting the information selected in order to provide the user with messages regarding at least the geographic location where he is.

In Claim 2, the claim has been amended as follows:

2. (Amended) A device according to claim 1,  
wherein [the] pieces of information to be supplied contained in each said sector correspond moreover to one or several fields of one or several customization criteria,  
wherein said device further comprises [moreover] parameterization means (14), capable of enabling the user to select the requested field for each customization criterion, and  
wherein said device comprises at least two said correspondence tables (6, 6', the first table (6) associating said positioning information and a so-called comment reference, covering all the sectors containing information to be supplied, regardless of the field(s) or selection criteria used, regarding the same geographic location, the second table associating said comment reference and the address of the sector regarding the information to be supplied in relation to the fields selected.

In Claim 3, the claim has been amended as follows:

3. (Amended) A device according to the claim 1[ or 2], wherein said storage means (1) are removable.

In Claim 4, the claim has been amended as follows:

4. (Amended) A device according to [any of the previous claims 1 to 3,] Claim 1, wherein said processing means are capable of scanning permanently the positioning information delivered by said tracking means in order to determine the address of the sector of the information to be supplied as soon as one piece of the positioning information delivered can be associated with one or several sector addresses.

In Claim 5, the claim has been amended as follows:

5. (Amended) A device according to [any of the previous claims 1 to 4] Claim 1, wherein said reading means are capable of being actuated as soon as a reading instruction is transmitted to them by said processing means in order to take into account the information selected by direct access to said storage means.

In Claim 8, the claim has been amended as follows:

8. (Amended) A device according to claim 1, wherein said tracking means (2) [consist of] comprises a satellite positioning module (22) and/or a ground beacon positioning module (23).

In Claim 11, the claim has been amended as follows:

11. (Amended) A device according to claim 1, further comprising [besides] means for checking [the] succession of [the] pieces of information selected by said reading means (7) capable of authorizing the message to be repeated and/or the message to be skipped regarding said means and/or still to pause during the delivery of said messages.

In Claim 12, the claim has been amended as follows:

12. (Amended) A device according to claim 1, further comprising [besides] an additional memory unit (26) for storing information intended for providing statistics.

In Claim 13, the claim has been amended as follows:

13. (Amended) A device according to claim 1, further comprising [besides] an assistance means for the user.

In Claim 15, the claim has been amended as follows:

15. (Amended) A device according to claim 13, wherein said assistance means [consist of] comprises connection means to external information communication network.

#### IN THE ABSTRACT

On page 16, the paragraph has been amended as follows:

[The invention concerns a] A mobile device to supply information, notably for tourism, to a user, [comprising at least:] includes: a storage [means (1)]element, fragmented into sectors[, each said sector corresponding at least to one given geographic location and showing an address,]; tracking [means (2)] element of said device, capable of delivering [so-called] positioning information, [corresponding to the location wherein said device is situated,]; a processing [means (4)]element, capable of drawing up a reading instruction containing at least the address of the sector of the information to be supplied in relation at least [said] to the positioning information, on the basis of one or several correspondence tables [(6, 6') comprised] included in [said] the device and associating at least the address of [said] the sector and [said] the positioning information regarding the same geographic location[,]; a reading [means (7) at least] element for the information contained in the [sector showing the address of said reading instruction, which is delivered to them by said processing means (4), so-called information selected,]sectors; and a playing [means (9)]element, capable of transmitting [said] the selected information, in order to supply to the user messages regarding at least the location where they are.